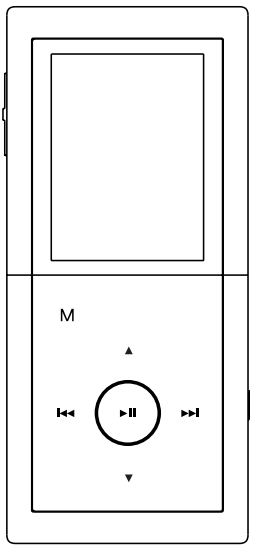
RCA

user **manual**

MC5102
MC5104



It is important to read this instruction book prior to using your new product for the first time.

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Important Information

WARNING
To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.

To reduce risk of injury, charge only rechargeable batteries recommended by the manufacturer for this player. Other types of batteries may burst causing damage and personal injury.

Technical specification

Product: Lyra player
Brand: Lyra
Model: MC5102 / MC5104

Electrical rating

DC : 3.7 V Li-polymer battery (built-in)

Lyra
MC5102

Equipment tested for compliance as a complete unit

Lyra
MC5104

Equipment tested for compliance as a complete unit

Important Information

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

FEDERAL COMMUNICATIONS COMMISSION INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. In accordance with FCC requirements, changes or modifications not expressly approved by Thomson Inc. could void the user's authority to operate this product. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. Please specify stock number 004-000-00345-4 when ordering copies.

This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la class B est conforme à la norme du NMB-003 du Canada

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Before You Begin

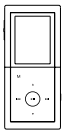
Dear RCA Customer,
Thank you for purchasing the RCA Player. This player will play open mp3 and Windows Media™ audio (WMA) content as well as content purchased from most online music download services.

After purchasing and downloading music to your PC, you are now ready to move content to your player. To transfer the music to your player, you may use Yahoo! Music™ Jukebox or the application recommended by the online music download service.

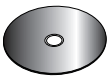
(Note: Services and applications must be Windows Media audio-compliant and support Digital Rights Management. Windows XP (SP1 or higher) required.)

Unpacking your player

Your player came with everything you need to make music portable — all of the items shown below should have been packed in the box with your player.



RCA Player

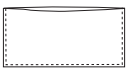


Music Management CD
Contains software applications

Mini USB cable
Plug the small end into the USB on your player, and plug the other end into your computer's USB port.

Earphones

Line-in cable



Carrying pouch

Explore a world of accessories! Jump on the Internet and go to www.rcaaudiovideo.com to discover the additional accessories that are available for your player.
Illustrations contained within this publication are for representation only and subject to change.

Before You Begin

Things to consider before you get started...

Computer system requirements

- Pentium III 500MHz or higher recommended
- Windows XP SP1 (SP= Service Pack) or higher.
- Internet Explorer 6.0 or higher
- Internet access (broadband recommended)
- 250MB free hard disk space for the software
- 128MB RAM (256MB recommended)
- CD drive capable of digital audio extraction
- USB port (2.0 recommended)
- Sound card
- 16- bit color video card

Secure music download requirements

- Windows XP SP1 or higher (SP=Service Pack)
- Internt Explorer 6.0 or higher
- Windows Media Player 10 or higher

Warning

Use of this player is for your personal use only. Unauthorized recording or duplication of copyrighted material may infringe upon the rights of third parties and may be contrary to copyright laws.

Caution

- Keep player out of direct sunlight. Exposure to direct sunlight or extreme heat (such as inside a parked car) may cause damage or malfunction.
- Do not expose to rain or moisture.

Before You Begin

Caution while driving

Use of headphones while operating an automobile or moving vehicle is not recommended and is unlawful in some states and areas. Be careful and attentive on the road. Stop operation of the player if you find it disruptive or distracting while driving.

Back up your data

As with any portable player that has a hard drive, you must back up the drive regularly. RCA and Thomson are not responsible for lost data.

Software Setup

The Music Management CD that comes with your player contains all of the necessary software components you need to make your player work properly.
These components do the following:

- enable you to transfer files from your computer to your player,
- convert video files and/or automatically update the player (if included on the CD).

Inserting the included CD into CD drive

1. Turn on your computer and place the Music Management CD that came with your player into your computer.
2. If the setup screen does not appear, double-click *My Computer*, double click your CD drive icon, and double click *Install t*o run the installer.

IMPORTANT: Don't connect the USB cable to the PC or the player before or during the CD installation.

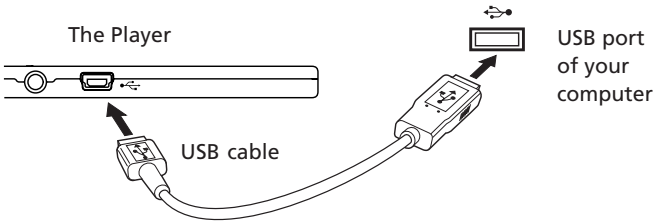
Note: The Music Management CD also contains Yahoo! Music™ Jukebox that can help transfer music content to your player. Please refer to the section on your installed software for detailed operations.

Yahoo! Music™ Jukebox is supported only in Windows XP or higher operating system.

Connecting to the Computer

Connecting the player to the computer

Connect the player to your computer with the mini USB cable provided. The player will turn on automatically. The player will appear as a Windows portable device (Windows XP) using the Media Transfer Protocol (MTP).



- It might take several seconds for the player to be detected. Click Refresh in My Computer or Windows Explorer to make sure the player has been detected.

- The player is capable of transferring files at USB 2.0. If a USB 2.0 port is available on your computer, use it to connect to your player. The player is still backward compatible with the older USB 1.1 ports. However, you will not be able to take full advantage of the potential speed increase.

Note: Windows XP requires Service Pack 1 or higher.

Connecting to the Computer

Charging the battery

Your player is charged through the USB connection when it is connected to your computer. To fully charge the player, make sure your computer is on and the player is connected for at least 3 hours.

Important battery information

- Charge the player for at least 3 hours before first use.
- Charge the player for at least 3 hours after putting away the player for a long time.
- **Battery replacement should only be made by trained technicians. Refer to Limited Warranty for details.**
- Do not attempt to open the player. No user serviceable parts inside.
- To reduce risk of injury, charge only rechargeable batteries recommended by the manufacturer for this player. Other types of batteries may burst causing damage and personal injury.

Caution

- The battery used in this player may present a risk of fire, explosion, or chemical burn if mistreated. Do not separately recharge, disassemble, or expose to high temperatures. Examples of high temperatures that may damage your product include leaving it in a locked car in the summer, or putting it on top of other heat generating electronic devices (such as power amplifiers and computer monitors).

- Do not place the battery under direct sunlight or in excessively hot places over 45°C (113°F) such as the dashboard of car.
- Dispose of used battery properly. Keep away from children. Do not disassemble and do not dispose of in fire.

Caution

- **Risk of explosion if battery is replaced by an incorrect type.**
- **Dispose of used batteries according to the instructions.**

Transferring files to the player

You may select one of the following methods to transfer music contents to your player: 1) Yahoo! Music™ Jukebox, 2) drag-and-drop via Windows Explorer. For method 1, you first need to have successfully installed the software packages included in the Music Management CD (refer to "Inserting the included CD into CD drive).

- Transferring Files via Yahoo! Music™ Jukebox - refer to page 15
- Transferring files via Windows Explorer (drag-and-drop) - refer to page 16

Note: Yahoo! Music Jukebox is supported only in Windows XP or higher operating system.

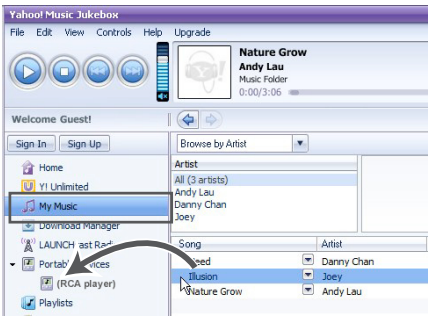
Caution: Secure music download files must be transferred to your player through the Yahoo Music™ Jukebox or the application recommended by your online music download service (Note: Services and applications must be Windows Media audio-compliant and support Digital Rights Management.) (Apple iTunes™ music content is not supported).

Transferring Files to the Player

Transferring files via Yahoo! Music™ Jukebox (Windows XP or higher only)

Yahoo! Music™ Jukebox lets you manage your music easily and organize like a pro. Create your own playlists: music for work, the gym, or even dinner. You can also buy download music and transfer to your player in seconds. Just drag and drop and you're done. For more information on the installation and operations, please visit: http://music.yahoo.com

Do not disconnect the USB cable during music download. Doing so may corrupt system files or the files being downloaded.



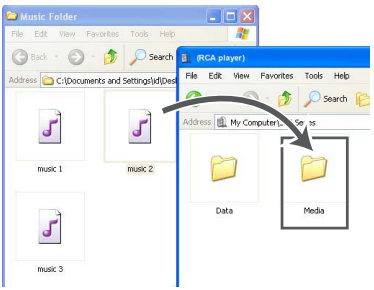
1. Launch the *Yahoo! Music Jukebox*.
2. Attach the player to your computer. The player's name should appear after a few seconds in the left navigation pane.
3. In the Yahoo! Music™ Jukebox, click *My Music* or click on a playlist on the left navigation pane.
4. Simply drag the playlist you want to the name of your player in the left navigation pane (you can also drag tracks, artists and albums directly from My Music).
5. The Yahoo! Music™ Jukebox will check to see if there is sufficient storage space on the player to copy the songs. If not, you will have to reduce the number of songs you are transferring.

- Yahoo! Music™ Jukebox is supported only in Windows XP or higher operating system and Internet Explorer 6 or above for installation.
- Required updates to Yahoo! Music™ Jukebox may be available from Yahoo! after installation. Please refer to the Yahoo! Music™ Jukebox Help for more information about these updates.

Transferring Files to the Player

Transferring files via Windows Explorer (drag-and-drop) (Windows XP only)

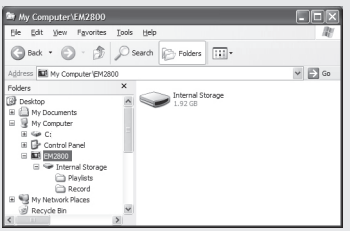
In Windows Explorer, when the RCA player is opened in MTP mode, and Windows Media Player 10 is installed, the "Data" and "Media" views will be displayed for the player.
The *Data folder* is used to manage data content on the player, such as text files. The *Media folder* is used to manage media content supported by the player for playback, such as mp3 and wma.



You can copy / delete files from the player through Windows Explorer, but you cannot open or edit the files directly from the player. If you want to edit the files, you will need to copy the files from the player to another location (drive) in the system.

Note:

- Picture files should be copied to the "Media" folder for viewing. Video files cannot be drag and copied to the "Media" folder. They must be converted and transferred to the player via RCA Video Converter for playback (refer to page 28).
- If your computer has installed Windows Media Player 11, "Internal Storage" shows instead of the folders mentioned above. Copy files inside "Internal Storage".



Caution: Secure music download files must be transferred to your player through one of the provided Jukebox software packages or any applications recommended by the online music download service. Please visit the online music download service's website where you purchased your content from for more details on transferring secure music to your player.

Note: Windows XP requires Service Pack 1 or higher.

Transferring Files to the Player

Disconnecting your player from the computer

Do not disconnect the USB connection during file download. Doing so may corrupt system files or the files being downloaded.

For Windows XP users, your player is connected in MTP (Media Transfer Protocal) mode to your computer by default, you may disconnect the USB cable directly when file download is completed.

General Controls

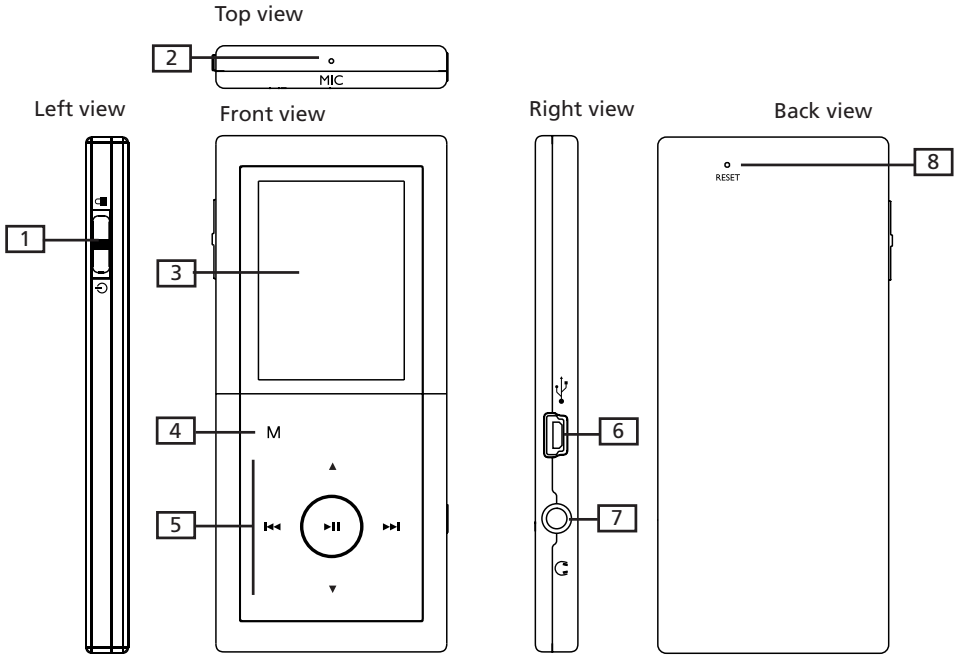
Before you begin

The following example illustrates what you should do before operating your player.

1. These instructions presume you've already done the followings:
   - Installed all necessary applications.
   - Transferred music from your computer to the player.
   - Allowed your player to charge for at least 3 hours while connected to the computer.
2. If you haven't unplugged the player from your computer, detach the USB cable from the player.
3. Connect the earphones to your player.
4. If your player isn't already on, turn it on by sliding the power button downwards and hold it until the player turns on. The main navigation menu appears.

General Controls

Overview

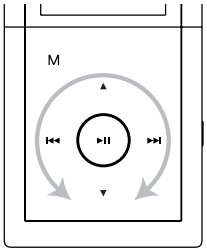


1. **Key lock** - slide the key upwards to prevent accidental key activation. To unlock, slide the key to the middle position.
   Power on/off - slide the key downwards and hold it until the player turns on/off.
   Stop playback - slide the key downwards during music, picture or video playback and then release to stop the playback.

2. **Microphone**
3. **The display**
4. **M** - Enters or exits the player's menu. (During playback, touch once to access the previous navigation screen before playback, touch twice to access player's menu. Touch three times to go back to the playback screen.)

General Controls

5. **Touch sensitive keypad** - touch or move your finger along the surface for operations.



▲ Scrolls up during menu navigation

▼ Scrolls down during menu navigation

⏮ Skips backward, goes back a level during menu navigation

⏭ Skips forward, advances a level during menu navigation

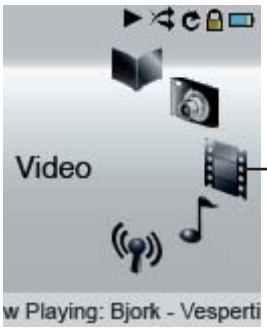
⏯ Starts/ pauses playback, makes selections

Moving your finger clockwise along the control pad as seen in the circular arrow will increase the volume. To decrease the volume, just move you finger counter-clockwise.

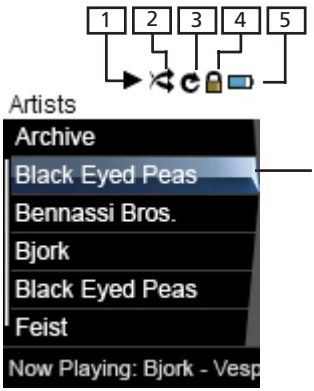
6. **USB connector** – Attach the small end (Type mini-B) of the mini-USB cable here. Attach the large end (Type A) to your computer's USB port. The player will enter USB mode automatically, and you can transfer files to and from the computer.
   The player's battery will also be charged when connected to the computer.
7. **Earphones jack** – Insert the earphone plug here.
8. **Reset button** – If the player locks up, press the reset button with a non-metal pointed object (e.g. toothpick) to reset it.

General Controls

Navigation display



Indicates the mode currently selected



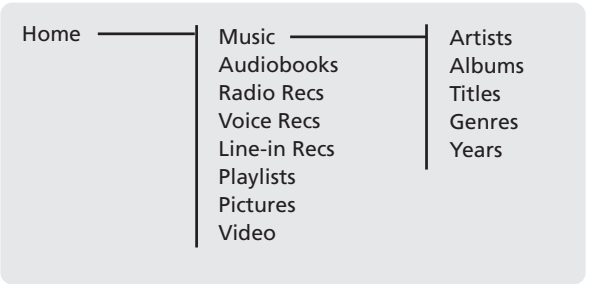
Indicates the item currently selected

1. Indicates whether the player is playing or paused.
2. Indicates if the shuffle mode is on or off.
3. Indicates what repeat mode is activated or off.
4. Indicates that the key lock function is activated.
5. Indicates the battery level of the player. When charging, the icon will animate.

General Controls

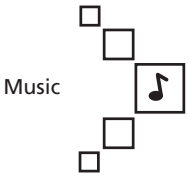
Navigation menus

The files are sorted according to their file types. Music files are further sorted according to several parameters for quickly searching your favourite music. Once your player is turned on, the following file menu parameters can be seen as below:

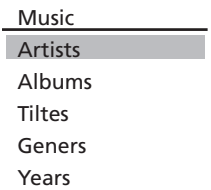


Selecting what you want to play

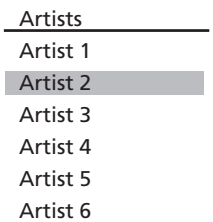
The following example illustrates the steps to select and play songs in the *Artists* category.



1. Select "Music" by touching ▲ or ▼. Then touch ⏭ to advance.



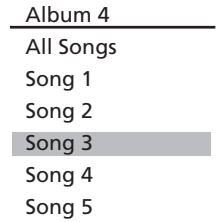
2. Highlight "Artists" by touching ▲ or ▼. Then touch ⏭ to advance.



3. The Artists menu appears with the artists listed in alphabetical order.

- Scroll up and down the "Artists" menu by touching ▲ or ▼.
- Return to the previous menu by touching ⏮.
- View the albums from the artist highlighted by touching ⏭ (the albums of that artist appear in alphabetical order).

4. Scroll up and down the “Albums” menu by touching ▲ or ▼.
- View the songs from the album highlighted by touching ⏭ (the songs of that album appear in track order).



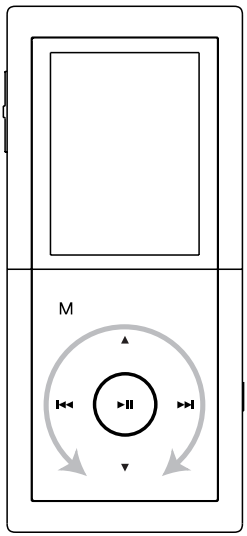
5. Highlight the desired song by touching ▲ or ▼.
- To play the song, touch ⏭ or ⏯. The song’s information will show on the display during playback.
- To pause playback, touch ⏯.

Note:

• The information provided in the playback screen depends upon the metadata fields that have been set up for the song.

- To show the player’s menu at any stage of navigation, touch **M**.
- The item that you can select for playback does not limit to a single file, you may select an artist, an album and then touch ⏯ to start playback of all files within your selected item.

Music/Audiobooks playback



▲ Shows Album Art of digital music*

▼ Shows Album Art of digital music*

⏮ Skips to the previous file**, touch and hold to scan backward within a file.

⏭ Skips to the next file, touch and hold to scan forward within a file.

⏯ Starts/ pauses playback, touch and hold to add the current file (music only) in MySelections.

Increase or decrease the volume. Moving your finger clockwise along the control pad as seen in the circular arrow will increase the volume. To decrease the volume, just move you finger counter-clockwise.

Slide downwards and release to stop playback.

For multi-section audiobook files, touch and hold ⏯ during playback to select between "skipping by file'"and "skipping by section".

Skipping by file - Touch ⏮ or ⏭ to go to the previous or next audiobook file.

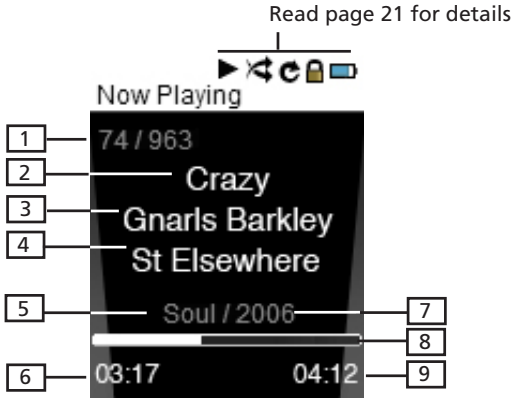
Skipping by section - Touch ⏮ or ⏭ to go to the previous** or next section of the current file.

***** Showing Album Art of digital music - Depending on the format of the music file, album art and the application software used for transferring files to the player, not all different formats of the album art might be supported. For music files with displayed album art, you can select displaying either the album art or the track information by using the up/down button.

** Touch ⏮ within the beginning 4 seconds of the current music or sectioned audible file to skip to previous file/section. Otherwise, you will return to the beginning of the current file/ section.

Listening, Viewing and Recording

Music/Audiobooks playback display

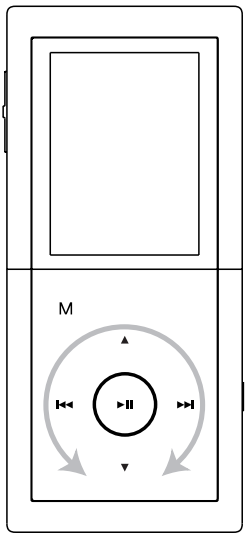


1. Current file number / total number of files (for audiobooks in “Skipping by Section” mode (refer to the previous page), “Sect” shows before current section number / total number of section)
2. Song name (or title of audiobook)
3. Artist name (or author of audiobook)
4. Album name (or provider of audiobook)
5. Genre type (or category of audiobook)
6. Elapsed playback time
7. Year of the file
8. Playback progress bar
9. File total time

- The information provided in the playback screen depends upon the metadata fields that have been set up for the song/audiobook.
- If ablum art is available with a music file, touch ▲ or ▼ to show or hide it.

Listening, Viewing and Recording

Picture viewing

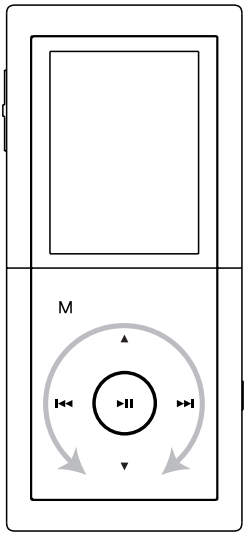


▲	Scrolls up during file navigation.
▼	Scrolls down during file navigation.
⏮	Skips backward.
⏭	Skips forward.
⏯	Starts/ pauses slideshow.
	Increase or decrease the volume. Moving your finger clockwise along the control pad as seen in the circular arrow will increase the volume. To decrease the volume, just move you finger counter-clockwise.
M	Touch during playback to pause and return to file navigation.
	Slide downwards and release to stop playback and return to file navigation.

Picture files should be copied to the “Media” folder of the player for viewing if your computer has Windows Media Player 10 installed.

Listening, Viewing and Recording

Video viewing



▲ Scrolls up during file navigation.

▼ Scrolls down during file navigation.

⏮ Skips backward*. Touch and hold to scan backwards within a file.

* Touch ⏮ within the beginning 4 seconds of the current file to skip to previous file. Otherwise, you will return to the beginning of the current file.

⏭ Skips forward. Touch and hold to scan forward within a file.

⏯ Starts/ pauses playback.

Increase or decrease the volume. Moving your finger clockwise along the control pad as seen in the circular arrow will increase the volume. To decrease the volume, just move you finger counter-clockwise.

M Touch during playback to return to file navigation.

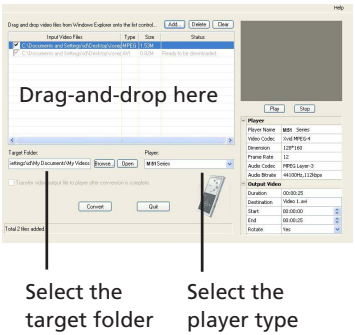
Slide downwards and release to stop playback and return to file navigation.

Video files must be converted and transferred by the Video Converter installed from the included CD. Please refer to the following pages for details.

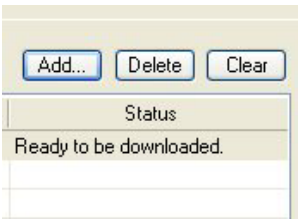
Listening, Viewing and Recording

Video converter

Before transferring any video files to your player, they must be converted to a compatible format for optimal playback. To do so, you need to install the RCA Video Converter in your computer. The video converter only works on Windows XP or higher.

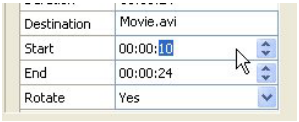


1. Load the music management CD included with this player in your computer. Installation will start automactically. Follow the on screen instructions to properly install the RCA Video Converter.
2. After installation is complete, launch the RCA video converter and connect the player to the computer.
3. Drag-and-drop the selected video files from Windows Explorer onto the Video Converter's list control.

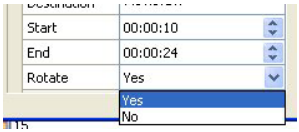


- If the video file is already compatible with the player, "Ready to be downloaded" shows under "Status".

4. Select the target folder you wish to save the converted video file too by clicking "Browse" under the list control.
- If you want to transfer the video output file to the player automatically after the conversion is complete, check the box underneath to allow transfer to player when conversion is complete.
5. Select the type of player from the pull-down menu under "Player". For this player, select "M51 series" in the pull-down menu. Once the type of player is selected, optimum settings for file conversion will be made automatically.
6. To edit the name of the output video, click on the box that is just to the right of the Destination box at the lower right corner of the Video Converter application.



7. If you prefer to convert only a portion of the video file, select the start and end time for conversion by increasing or decreasing the box to the right of Start and End at the lower right corner of the Video Converter application.



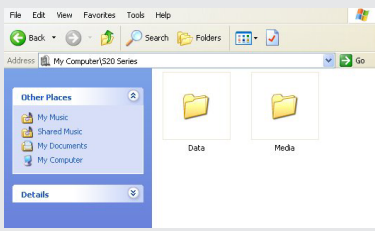
8. To rotate the output file by 90^{O} after conversion, select "Yes" from the pull-down menu to the right of "Rotate" at the lower right corner of the Video Converter application.

9. Once all selections and changes above have been made, click "Convert" to start the file conversion.

- If all the video files are ready to be downloaded without conversion, the "Convert" button will change to "Download". Click "Download" to start the file transfer.

Tip: For operation details of the video converter, please open the help file by pressing the 'F1' key on your computer.

Note: If Windows Media Player 10 is installed, picture files should be copied to the"Media" folder for viewing. Video files cannot be dragged and dropped to the "Media" folder. They must be converted and transferred to the player via RCA Video Converter for playback. Alternatively, converted video files can also be transferred via Windows Media Player in the same way as you transfer music files to the player. Please refer to the instructions of Windows Media Player for operation details.



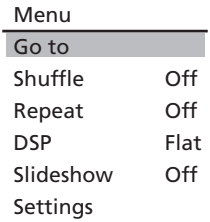
This video converter software relies on the video codecs already installed in your computer. Make sure the video file you wish to convert plays on your computer before using the video converter software. Note that some video files that play on your computer may rely on specialized video playback applications that are not compatible with the video converter software.

The video converter can only convert files that play on your PC. If a file cannot play on your PC, then it will be necessary for you to download the appropriate PC media player for that file format from the Internet. Enter the file type or file format into a common Internet search engine to find links where the PC media player can be downloaded and installed to your PC.

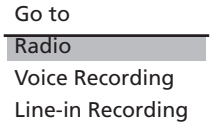
Listening, Viewing and Recording

Radio (switching on)

1. To switch on the radio, touch **M** in any mode to access the player's menu (during playback **M** has to be touched twice).



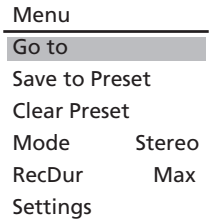
2. While "Go to" is highlighted, touch ⏭ .



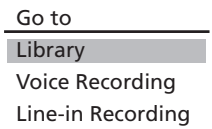
3. While "Radio" is highlighted, touch ⏭ to switch on the radio.

Radio (switching off)

1. To switch off the radio, touch **M** in the radio mode.



2. While "Go to" is highlighted, touch ⏭ .



3. Select one of the modes to switch to and then touch ⏭ .

You may also slide the power key downwards and hold it until the player powers off to turn off the radio.

Listening, Viewing and Recording

Radio operations

Selecting Radio Frequency

Touch ⏮ or ⏭ to select frequency.

> *Tip: touch and hold ⏮ or ⏭ to search the frequency at a faster rate.*

Automatic station search

Touch and hold ▲ or ▼ in the radio mode until "Searching..." shows on the display. The search will stop when the next available radio station is found.

Saving preset stations

1. Select a radio frequency.
2. Touch **M** and then touch ▲ or ▼ to highlight "Save to Preset".
3. Touch ⏭ or ⏯ to make the selection.
4. The next available preset station number will show, touch ▲ or ▼ to select another number if so desired.
5. Touch ⏯ to save the frequency as the assigned preset station number.

Selecting preset stations

Touch ▲ or ▼ in the radio mode to select a preset station.

Clearing preset stations

1. Touch ▲ or ▼ in the radio mode to select an unwanted preset station.
2. Touch **M** and then touch ▲ or ▼ to highlight "Clear Preset".
3. Touch ⏭ or ⏯ to delete the unwanted preset station.

Suppressing stereo signal

If FM stereo reception is weak, select mono sound to reduce the noise.

1. While listening to the radio, touch **M** and then touch ▲ or ▼ to highlight "Mode".
2. Touch ⏭ or ⏯ to select between "Mono" and "Stereo" sound.
3. Touch **M** to exit the player's menu.

Listening, Viewing and Recording

Radio recording

1. Touch and hold ▶II at any time while listening to the radio to start radio recording.
2. Touch ▶II to pause record. Touch ▶II again to resume recording.
3. Touch and hold ▶II to stop recording. OR Slide the power button downwards and release to stop recording.

Record duration

You may select the maximum record duration.

1. While listening to the radio, touch **M** and then touch ▲ or ▼ to highlight "RecDur".
2. Touch ▶▶I or ▶II to select 5m, 30m, 1h or max (5 min, 30 min, 1 hour and maximum).
3. Touch **M** to exit the player's menu.

Listening to radio recording

1. In the navigation menu, select "Radio Recs" to show the archive of radio recordings.
2. Select one of the recorded files for listening (refer to page 22 for details).

Deleting radio recording

1. In the navigation menu, select "Radio Recs" to show the archive of radio recordings. Select an unwanted recorded file from the archive (refer to page 22 for details).
2. Touch **M** and then touch ▲ or ▼ to highlight "Delete file".
3. Touch ▶▶I or ▶II to delete the unwanted file.

Listening, Viewing and Recording

Voice recording

1. To start voice recording, touch **M** in any mode to access the player's menu (during playback **M** has to be touched twice).
2. While "Go to" is highlighted, touch ⏭ .

Menu	
Go to	
Shuffle	Off
Repeat	Off
DSP	Flat
Slideshow	Off
Settings	

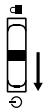
3. Touch ▲ or ▼ to highlight "Voice Recording". Then touch ⏭ to access voice recording mode.

Go to
Radio
Voice Recording
Line-in Recording

4. Touch and hold ⏯ when the display shows "Ready" to start voice recording.

Voice Rec
Ready

5. Touch ⏯ to pause record. Touch ⏯ again to resume recording.



6. Touch and hold ⏯ to stop recording. OR Slide the power button downwards and release to stop recording.

Record duration

You may select the maximum record duration.

1. In the voice recording mode, touch **M** and then touch ▲ or ▼ to highlight “RecDur”.
2. Touch ⏭ or ⏯ to select 5m, 30m, 1h or max (5 min, 30 min, 1 hour and maximum).
3. Touch **M** to exit the player’s menu.

Listening to voice recording

1. In the navigation menu, select “Voice Recs” to show the archive of voice recordings.
2. Select one of the recorded files for listening (refer to page 22 for details).

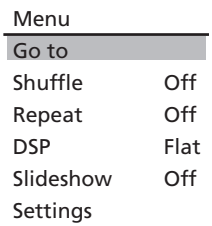
Deleting voice recording

1. In the navigation menu, select “Voice Recs” to show the archive of voice recordings. Select an unwanted recorded file from the archive (refer to page 22 for details).
2. Touch **M** and then touch ▲ or ▼ to highlight “Delete file”.
3. Touch ⏭ or ⏯ to delete the unwanted file.

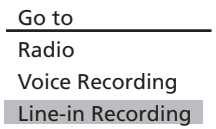
Listening, Viewing and Recording

Line-in recording

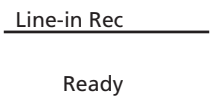
1. To start line-in recording, touch **M** in any mode to access the player's menu (during playback **M** has to be touched twice).
2. While "Go to" is highlighted, touch ⏭ .



3. Touch ▲ or ▼ to highlight "Line-in Recording". Then touch ⏭ to access the line-in recording mode.

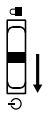


4. Touch and hold ⏯ when the display shows "Ready" to start line-in recording.



5. Touch ⏯ to pause record. Touch ⏯ again to resume recording.

6. Touch and hold ⏯ to stop recording. OR Slide the power button downwards and release to stop recording.



Adjust the volume level of the source audio device in order to achieve the optimum recording quality. The source output varies from model to model. You might want to experiment with a few recordings to determine the proper volume output of the source to get optimum recording quality from the player. Recommend starting the source at around room volume level.

Record duration

You may select the maximum record duration.

1. In the line-in recording mode, touch **M** and then touch ▲ or ▼ to highlight “RecDur”.
2. Touch ⏭ or ⏯ to select 5m, 30m, 1h or max (5 min, 30 min, 1 hour and maximum).
3. Touch **M** to exit the player’s menu.

Listening to line-in recording

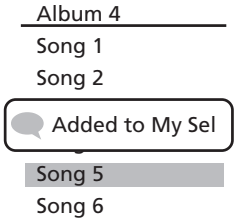
1. In the navigation menu, select “Line-in Recs” to show the archive of line-in recordings.
2. Select one of the recorded files for listening (refer to page 22 for details).

Deleting line-in recording

1. In the navigation menu, select “Line-in Recs” to show the archive of line-in recordings. Select an unwanted recorded file from the archive (refer to page 22 for details).
2. Touch **M** and then touch ▲ or ▼ to highlight “Delete file”.
3. Touch ⏭ or ⏯ to delete the unwanted file.

My Selections

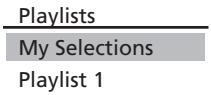
My Selections is a playlist containing your favorite songs, albums, artists from the player. Audiobook and recorded files cannot be selected as My Selections.



1 Highlight the desired song, artist, album etc. and then touch and hold ▶II until "Added to My Sel" shows on the display. Repeat this step for selecting more items.

- You may select an item as My Selections as many times as you want, even if it has already been selected. If your selected item is an artist, an album etc., all files within will be selected as My Selection.

2. In the home menu, select "Playlists" by touching ▲ or ▼. Then touch ▶▶I to enter the Playlists menu.

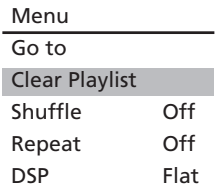


3. "My Selections" is already selected, touch ▶II to start playback of the songs in the My Selection playlist.

Clearing My Selections

1. In the home menu, select "Playlists" by touching ▲ or ▼. Then touch ▶▶I to enter the Playlists menu.

2. "My Selections" is already selected, touch **M** to to show the player's menu.



3. Highlight "Clear Playlist" by touching ▲ or ▼ and then touch ▶II.

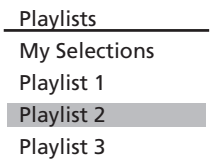
4. Highlight "Yes" by touching I◀◀ or ▶▶I and then touch ▶II to confirm clearing.

Playlists

Playlists from your computer

The created playlists from major music management softwares on your computer (e.g. Yahoo! Music™ Jukebox, Windows Media Player) can be transferred to the player while you transfer music files via these softwares. Follow the steps below to play them.

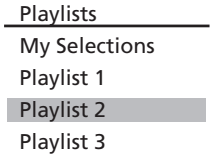
1. In the home menu, select "Playlists" by touching ▲ or ▼. Then touch ▶▶| to enter the Playlists menu.



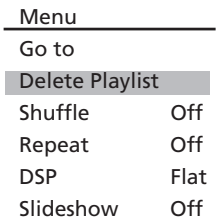
2. Highlight a playlist by touching ▲ or ▼. Touch ▶II to start playback of the selected playlist.

Deleting playlists

1. In the home menu, select "Playlists" by touching ▲ or ▼. Then touch ▶▶| to enter the Playlists menu.



2. Highlight an unwanted playlist by touching ▲ or ▼ and then touch **M** to show the player's menu.



3. Highlight "Delete Playlist" by touching ▲ or ▼, touch ▶II to confirm deletion of the selected playlist.

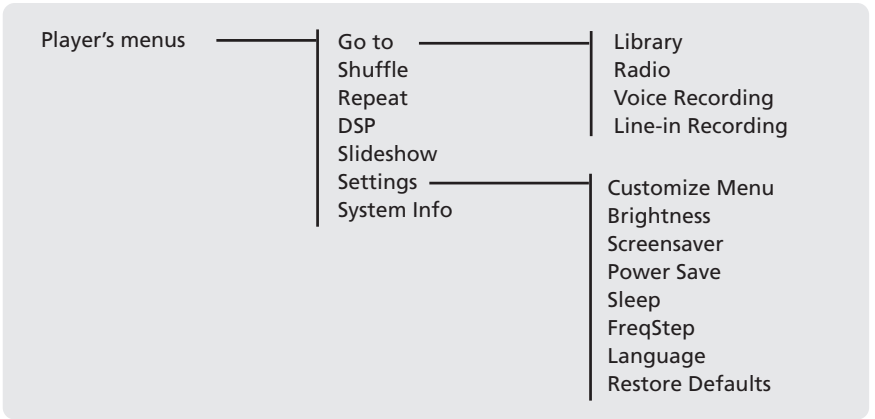
4. Highlight "Yes" by touching |◀◀ or ▶▶| and then touch ▶II to confirm deletion.

Player's Menus

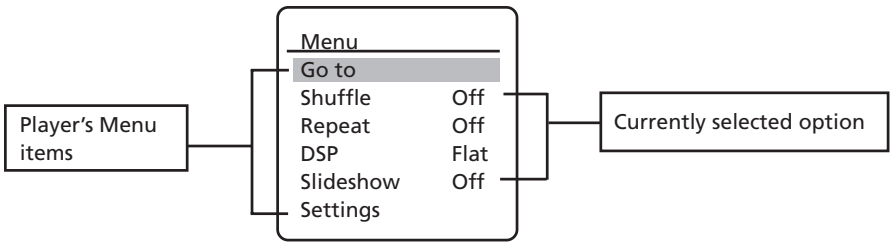
Accessing player's menus

Touch **M** in any mode to access the player's menu.

During playback **M** has to be touched twice to display the player's menu.



Navigation and selection



1. To scroll up or down to highlight items on the screen, touch ▲ or ▼.
2. To enter and view the submenu, touch ⏭ or ⏯.
3. To go back to the previous menu level, touch ⏮.

Go to

Touch ⏭ or ⏯ to switch among the library, radio, voice and line-in recording modes.

Shuffle

Touch ⏭ or ⏯ to select shuffle on or off. Files will be played randomly when shuffle is activated. This item is only available when you are listening to a music (mp3 or wma) file.

Player's Menus

Repeat

Touch ⏭ or ⏯ to select a repeat mode. This item is only available when you are listening to a music (mp3 or wma) file.

- Repeat One - Repeat the current item
- Repeat All - Repeat all items.
- Repeat Off - Repeat is Off.

Repeat and shuffle will work differently if you have highlighted a song or a set (albums, genres, etc.). You can select your desired combination of Shuffle and Repeat to suit you.

DSP (Digital Signal Processor)

Touch ⏭ or ⏯ to select a DSP mode. Options available: flat, Bass, Pop, Rock, Jazz and Graphic (touch ⏭ to enter graphic mode). In graphic mode, you can customize the 5 band equalizer. Touch ⏮ or ⏭ to select a band and then touch ▲ or ▼ to adjust the band level.

Slideshow

The item defines the viewing time for each picture during a slideshow. Touch ⏭ or ⏯ to select among: off, 3, 5, 10 and 15 seconds.

Settings

Touch ⏭ or ⏯ to enter the Settings menu and then touch ▲ or ▼ to select an item. Refer to the player for options available within each item.

- **Customize Menu**: to customize the music menu to show and hide certain menu items.
- **Brightness**: to adjust the display light brightness.
- **Screensaver**: to adjust the duration before the screensaver activates.
- **Power Save**: to adjust the duration for automatic shut down when the player is idle.
- **Sleep**: to adjust the duration of playback before automatic shut down.
- **FreqStep** (Frequency Step): to select between the US and Europe frequency mode.
- **Language:** to select the menu's language.
- **Restore Defaults**: to reset all menus to factory defaults.

System info

Touch ⏭ or ⏯ to show the amount of free space available and the firmware version.

Additional Information

Tips and troubleshooting

- **Problem: Player repeats same tracks or all tracks.**

– Repeat play is turned on. Touch the **MENU** button (**M**) to change the play mode.

- **Problem: Audio distorted at high volume.**

– Select another DSP setting.
– Turn down the volume.

- **Problem: The audio tracks on my player keep skipping or popping.**

– You'll need to re-record the audio track – make sure you close all other applications on your PC when you record.
– Try recording with Error Correction setting turned on.

- **Problem: Player turns itself off.**

– Your player turns itself off if you leave it in pause mode or navigation mode for the duration specified in PowerSave setting.

- **Problem: The player cannot be turned on.**

– Reset the player by pressing the RESET button.
– If the player still cannot be turned on after resetting, perform a firmware upgrade to restore it.
– Please go to http://www.rcaaudiovideo.com for more details.

- **Problem: Player does not respond to key presses.**

– The key lock may be active. Unlock by sliding the power key to the middle position.
– If your player stops responding to key presses, you can reset it by pressing the RESET button with a non-metal pointed object (e.g. toothpick). Most of your settings will be preserved; only the settings that you have changed after your last power off will be lost.
– This player may temporarily cease to function if subjected to electrostatic disturbance. To resume normal operation, it may be necessary to cycle the power off and back on or you can reset it by pressing the RESET button with a non-metal pointed object (e.g. toothpick).

- **Problem: Player cannot play WMA songs.**

– Secure music download files must be transferred to your player through the Yahoo! Music™ Jukebox or the application recommended by your online music download service (Note: Services and applications must be Windows Media audio-compliant and support Digital Rights Management.) (Apple iTunes™ music content is not supported).

- **Problem: The player takes a long time to read files in a folder.**

– File reading may take longer if too many files are put in a single folder. Re-organize your files into a number of folders.

- **Problem: Why song information is not showing correctly?**

– Song information may not match your current player's language setting. Change the language setting.

Additional Information

- **Why can I not view picture files on my player?**

– The player only supports .jpg extension file, and does not support other formats like .bmp, .tiff, .jpeg.
– All picture files need to be put in the \Media folder of the player (if Windows Media Player 10 installed).

- **Why does my player not play the video files that were transferred from the computer?**

– All video files must be converted by the video converter which comes with the player (please refer to the CD). Other video file formats are not supported.

- **Why does my player report that it is full?**

– You have filled the capacity of the player's memory.
– You have exceeded the maximum number of items that this player supports. Your player can only support up to 2000 files and folders on the player.

- **Problem: Contents transferred to my player doesn't show up on other computers.**

– For Windows XP users with Windows Media Player 10 installed, your player is connected in MTP mode to PC by default, those contents transferred in MTP mode can only be seen on a PC with Windows XP and connected in MTP mode.

- **Problem: Cannot playback tracks on the player.**

– Make sure audio tracks are encoded in the mp3 or Windows Media formats at supported bitrates.
Bitrates support by the player:
mp3 – 32 to 320 kbps
wma – 48 to 192 kbps
– WMA files may be DRM protected and you don't have the proper rights (license) to play the files.
– Check the website and/or application help system of the music download service provider from where the content was purchased from for license acquisition details. For more information on how license acquisition works, go to www.microsoft.com/windowsmedia/drm.

- **What is MTP mode?**

– **MTP (Media Transfer Protocol)** mode is essential if you want to transfer **DRM content** to your player. In MTP mode your player will no longer show up as a drive letter. So programs that were designed to work with a player that shows up as a drive letter will not be able to work directly with the player.

Additional Information

Specifications

Hardware

- Dimensions: 91 mm H, 40.7 mm W, 7.5 mm D
- Unit Weight: 55 g
- Stereo Headphones Jack
- Mini USB Connection Jack
- Battery Operated: Rechargeable lithium polymer battery.

Mass storage drive

- External mass storage drive: When connected to a computer via USB, the player is capable of storing any file type allowing the user a fast, convenient method of storing, retrieving, and transferring files. This includes word processing files, presentations, spreadsheets and any other computer files.
- Capacity: MC5102 - 2 GB, MC5104 - 4GB
- Connection: USB 2.0, Hi-speed capable

Software

- Includes the player applications and media management software.

Miscellaneous specifications

- Signal to Noise Ratio (>85dB) A-weighted
- THD (<1.0%)

Check for updates

Visit http://www.rcaaudiovideo.com for the latest news and firmware upgrades for our digital media player.

1GB = 1 x 10^9

Additional Information

Limited warranty (Canada)

Thomson multimedia Ltd. warrants to the purchaser or gift recipient that if any manufacturing defect becomes apparent in this product within 1 year from the original date of purchase, it will be replaced free of charge, including return transportation.

This warranty does not include damage to the product resulting from accidents, misuse or leaking batteries.
Should your product not perform properly during the warranty period, either:

1. Return it to the selling dealer with proof of purchase for replacement,
   OR
2. Remove the batteries (where applicable), and pack product complete with accessories in the original carton (or equivalent). Mail prepaid (with proof of purchase) and insured to:

   Thomson multimedia Ltd.
   6200 Edwards Blvd.,
   Mississauga, Ontario L5T 2V7
   Canada

The provisions of this written warranty are in addition to and not a modification of or subtraction from the statutory warranties and other rights and remedies contained in any applicable legislation, and to the extent that any such provisions purport to disclaim, exclude or limit any such statutory warranties and other rights and remedies, such provisions shall be deemed to be amended to the extent necessary to comply therewith.

If you are unable to find a qualified servicer for out of warranty service, you may write to:
Thomson Inc.
P.O. Box 0944
Indianapolis, Indiana, U.S.A., 46206-0944

Attach your sales receipt to this booklet for future reference. This information is required if service is needed during the warranty period.

PURCHASE DATE

NAME OF STORE

visit us at *www.rcaaudiovideo.com*

Please do not send any products to the Indianapolis address listed in this manual or on the carton. This will only add delays in service for your product.

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